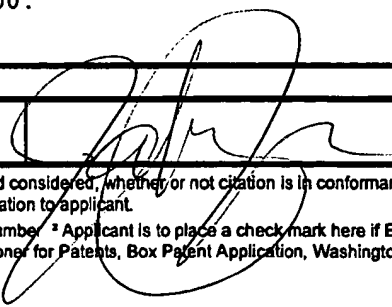


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				First Named Inv nt r	David Malah
				Group Art Unit	
				Examiner Name	
Sheet	3	of	6	Attorney Docket Number	2001-0283

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. *	Include name of the author (in CAPITAL LETTERS), title of the article(when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	AM	"Generation of Broadband Speech from Narrowband Speech Based on Linear Mapping," by Y. Nakatoh et al, Proc. European Conf. Speech Comm. and Technology, EUROSPEECH'97, 1997, not translated.	<input type="checkbox"/>
	AN	"Wideband Speech Recovery from Bandlimited Speech in Telephone Communications," by H. Yasukawa, Proc. Intl. Symp. Circuits and Systems, ISCAS'98, pp. IV-202-IV-205, 1998.	<input type="checkbox"/>
	AO	"A New Technique for Wideband Enhancement of Coded Narrowband Speech," by J. Epps et al, Proc. IEEE Speech Coding Workshop, SCW'99, 1999.	<input type="checkbox"/>
	AP	"Bandwidth Expansion of Speech Based on Vector Quantization of the Mel Frequency Cepstral Coefficients," by N. Enbom et al, Proc. IEEE Speech Coding Workshop, SCW'99, 1999.	<input type="checkbox"/>
	AQ	"Wideband Extension of Telephone Speech Using A Hidden Markov Model," by P. Jax et al, Proc. IEEE Speech Coding Workshop, SCW'00, 2000.	<input type="checkbox"/>
	AR	"Bandwidth Extension of Narrowband Speech for Low Bit-Rate Wideband Coding," by J-M. Valin et al, Proc. IEEE Speech Coding Workshop, SCW'00, 2000.	<input type="checkbox"/>



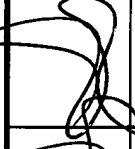



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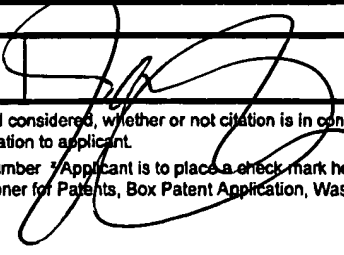
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Sheet	4	of	6	Attorney Docket Number 2001-0283	






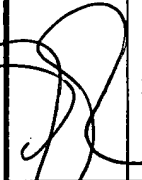
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	AS	"Narrowband to Wideband Conversion of Speech Using GMM Based Transformation," by K-Y. Park et al, Proc. Intl. Conf. Acoust., Speech, Signal Processing, ICASSP'00, pp. 1843-1846, 2000.	<input type="checkbox"/>	
	AT	"Low-Band Extension of Telephone-Band Speech," by G. Miet et al, Proc. Intl. Conf. Acoust., Speech, Signal Processing, ICASSP'00, pp. 1851-1854, 2000.	<input type="checkbox"/>	
	AU	"Speech Enhancement Via Frequency Bandwidth Extension Using Line Spectral Frequencies," by S. Chennoukh et al, Proc. Intl. Conf. Acoust., Speech, Signal Processing, ICASSP'01, 2001.	<input type="checkbox"/>	
	AV	"Frequency Recovery of Narrow-band Speech Using Adaptive Spline Neutral Networks," by A. Uncini et al, Proc. Intl. Conf. Acoust., Speech, Signal Processing, ICASSP'99, 1999.	<input type="checkbox"/>	
	AW	"A 14 kb/s Wideband Speech Coder with a Parametric Highband Model," by A. McCree, Proc. Intl. Conf. Acoust., Speech, Signal Processing, ICASSP'00, pp. 1153-1156, 2000.	<input type="checkbox"/>	
	AX	"Hi-Bin: An Alternative Approach to Wideband Speech Coding," by R. Taori, Proc. Intl. Conf. Acoust., Speech, Signal Processing, ICASSP'00, pp. 1157-1160, 2000.	<input type="checkbox"/>	

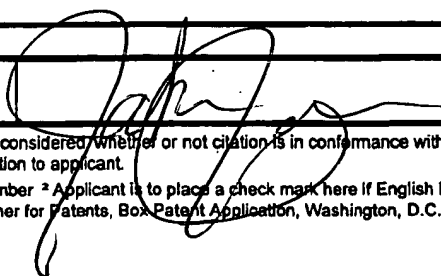
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				First Name of Inventor	David Malah
				Group Art Unit	
Examiner Name					
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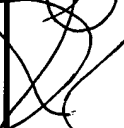

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	AY	"An Embedded Adaptive Multi-Rate Wideband Speech Coder," by A. McCree, Proc. Intl. Conf. Acoust., Speech, Signal Processing, ICASSP'01, 2001.	<input type="checkbox"/>
	AZ	"A Candidate Proposal for a 3GPP Adaptive Multi-Rate Wideband Speech Codec," by C. Erdmann, Proc. Intl. Conf. Acoust., Speech, Signal Processing, ICASSP'01, 2001.	<input type="checkbox"/>
	BA	"High-Frequency Regeneration in Speech Coding Systems," by J. Makhoul et al, Proc. Intl. Conf. Acoust., Speech, Signal Processing, ICASSP'79, pp. 428-431, 1979.	<input type="checkbox"/>
	BB	"Speech Analysis and Synthesis by Linear Prediction of the Speech Wave," by B. S. Atal et al, Journal Acoust. Soc. Am., Vol. 50, No. 2, (Part 2), pp. 637-655, 1971.	<input type="checkbox"/>
	BC	"Direct Estimation of the Vocal Tract Shape by Inverse Filtering of Acoustic Speech Waveforms," by H. Wakita, IEEE Trans. Audio and Electroacoust., Vol. AU-21, No. 5, pp. 417-427, Oct. 1973.	<input type="checkbox"/>
	BD	"Estimation of Vocal-Tract Shapes from Acoustical Analysis of the Speech Wave: The State of the Art," by H. Wakita, IEEE Trans. Acoustics, Speech, Signal Processing, Vol. ASSP-27, No. 3, pp. 281-285, June 1979.	<input type="checkbox"/>

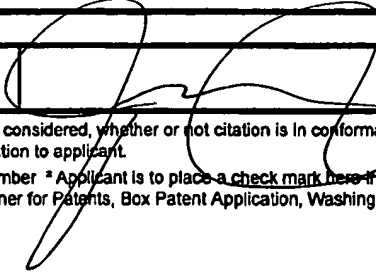
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	BE	"Determination of the Geometry of the Human Vocal Tract by Acoustic Measurements," by M. R. Schroeder, Journal Acoust. Soc. Am., Vol. 41, No. 4, (Part 2), 1967.	<input type="checkbox"/>
	BF	"Techniques for Estimating Vocal-Tract Shapes from the Speech Signal," by J. Schroeter et al, IEEE Trans. Speech and Audio Processing, Vol. 2, No. 1, Part II, pp. 133-150, Jan. 1994.	<input type="checkbox"/>
	BG	"Hierarchical Interpretation of Fractal Image Coding and Its Applications," by Z. Baharav et al, Chapter 5, Y. Fisher, Ed., Fractal Image Compression: Theory and Applications to Digital Images, Springer-Verlag, New York, 1995, pp. 97-117.	<input type="checkbox"/>
	BH	"Beyond Nyquist: Towards the Recovery of Broad-Bandwidth Speech from Narrow-Bandwidth Speech," by C. Avendano, Proc. European Conf. Speech Comm. and Technology, EUROSPEECH'95, pp. 165-168, Madrid, Spain 1995.	<input type="checkbox"/>
	BI	"Wideband Re-Synthesis of Narrowband Celp-Coded Speech Using Multiband Excitation Model," by C-F. Chan, Proc. Intl. Conf. Spoken Language Processing, ICSLP'96, pp. 322-325, 1996.	<input type="checkbox"/>
	BJ	"Wideband Extension of Narrowband Speech for Enhancement and Coding," by J. Epps, School of Electrical Engineering and Telecommunications, The University of New South Wales, Sept. 2000, pp. 1-155.	<input type="checkbox"/>

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				First Name of Inventor	David Malah
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				Examiner Name	
Sheet	1	of	6	Attorney Docket Number	2001-0283

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DL	AA	"Statistical Recovery of Wideband Speech from Narrowband Speech," by Y. M. Cheng et al, IEEE Trans. Speech and Audio Processing, Vol. 2, No. 4, pp. 544-548, Oct. 1994.	<input type="checkbox"/>
DL	AB	"Bandwidth Enhancement of Narrow-Band Speech Signals," by H. Carl et al, Proc. European Signal Processing Conf. -EUSIPCO'94, pp. 1178-1181, 1994.	<input type="checkbox"/>
DL	AC	"An Algorithm to Reconstruct Wideband Speech from Narrowband Speech Based on Codebook Mapping," by Y. Yoshida, Proc. Intl. Conf. Spoken Language Processing, ICSLP'94, 1994.	<input type="checkbox"/>
DL	AD	"Quality Enhancement of Band Limited Speech by Filtering and Multirate Techniques," by H. Yasukawa, Proc. Intl. Conf. Spoken Language Processing, ICSLP'94, pp. 1607-1610, 1994.	<input type="checkbox"/>
DL	AE	"Speech Enhancement Based on Temporal Processing," by H. Hermansky et al, Proc. Intl. Conf. Acoust., Speech, Signal Processing, ICASSP'95, pp. 405-408, 1995.	<input type="checkbox"/>
DL	AF	"Enhancement of Telephone Speech Quality by Simple Spectrum Extrapolation Method," by H. Yasukawa, Proc. European Conf. Speech Comm. and Technology, EUROSPEECH'95, 1995.	<input type="checkbox"/>

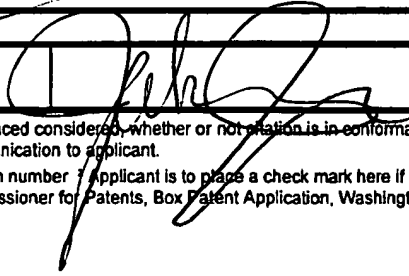
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	AG	"Restoration of Wide Band Signal from Telephone Speech Using Linear Prediction Error Processing," by H. Yasukawa, Proc. Intl. Conf. Spoken Language Processing, ICSLP'96, pp. 901-904, 1996.		<input type="checkbox"/>
	AH	"Adaptive Filtering for Broad Band Signal Reconstruction Using Spectrum Extrapolation," by H. Yasukawa, Proc. IEEE Digital Signal Processing Workshop, pp. 169-172, 1996.		<input type="checkbox"/>
	AI	"A Simple Method of Broad Band Speech Recovery from Narrow Band Speech for Quality Enhancement," by H. Yasukawa, Proc. IEEE Digital Signal Processing Workshop, pp. 173-175, 1996.		<input type="checkbox"/>
	AJ	"Restoration of Wide Band Signal from Telephone Speech Using Linear Prediction Residual Error Filtering," by H. Yasukawa, Proc. IEEE Digital Signal Processing Workshop, pp. 176-178, 1996.		<input type="checkbox"/>
	AK	"Implementation of Frequency Domain Digital Filter for Speech Enhancement," by H. Yasukawa, Proc. Intl. Conf. Electronics, Circuits and Systems, ICECS'96, pp. 518-521, 1996.		<input type="checkbox"/>
	AL	"Signal Restoration of Broad Band Speech Using Nonlinear Processing," by H. Yasukawa, Proc. European Conf. Speech Comm. and Technology, EUROSPEECH'96, pp. 987-990, 1996.		<input type="checkbox"/>

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